

Notice of Allowability

Application No.

10/671,126

Applicant(s)

LOGVINOV ET AL.

Examiner

Gary Mui

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/15/07.
2. ☒ The allowed claim(s) is/are 2-22, 24-26, 28-32, 34 and 35 (renumbered 1 - 31, respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Peter Snell on December 6, 2007.

The application has been amended as follows:

IN THE CLAIMS

For claim 2 line 16, the phrase "transceivers." has been replaced with --transceivers, wherein isolating the plurality of remote PLC transceivers from each other during the at least one upstream time slot comprises, for each of the plurality of remote PLC transceivers, using a different combination of one or more carriers and one or more symbol lengths for transmitting PLC signals to the head-end PLC transceiver.--.

For claim 13 line 17, the phrase "transceivers." has been replaced with --transceivers, wherein each of the plurality of remote PLC transceivers is configured to use different combination of one or more carriers and one or more symbol lengths for transmitting PLC signals to the head-end PLC transceiver.--.

Claims 27 and 33 are now cancelled.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

Claim 2 is allowable over the prior art of record since the cited references taken individually or in combination fails to particularly disclose isolating the plurality of remote PLC transceivers from each other during the at least one upstream time slot comprises, for each of the plurality of remote PLC transceivers, using a different combination of one or more carriers and one or more symbol lengths for transmitting PLC signals to the head-end PLC transceiver. Therefore, the prior art of record fails to show or render obvious the above underline limitations as claimed.

Claim 13 is allowable over the prior art of record since the cited references taken individually or in combination fails to particularly disclose each of the plurality of remote PLC transceivers is configured to use different combination of one or more carriers and one or more symbol lengths for transmitting PLC signals to the head-end PLC transceiver.

Therefore, the prior art of record fails to show or render obvious the above underline limitations as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

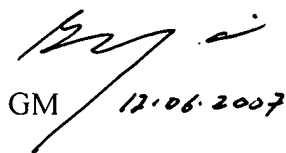
Conclusion


3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Zalitzky et al. (US 6,995,657 B2) is cited to show a power line communication system the transfer data frames between communicating transceivers by isolating the communicating transceivers from other transceivers comprised in the data transmission network.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary Mui whose telephone number is (571) 270-1420. The examiner can normally be reached on Mon. - Thurs. 9 - 3 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


GM 12.06.2007


RICKY Q. NGO
SUPERVISORY PATENT EXAMINER